

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

COUNTRY East Germany

DATE DISTR. 28 June 1955

SUBJECT Wachstedt Radar Station

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(LISTED BELOW)

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1. For a short period at about 1500 on 20 February 1955, a radar station was observed from a distance of about 40 meters in an area, measuring about 400 x 200 meters, which was surrounded by a barbed wire fence and located about 700 meters north of Wachstedt, 180 to 200 meters east of the Heuthen-Wachstedt road. One Token-type set, 2 telescopic masts about 8 meters high, 2 Fishnet-type sets and 1 Kniferest-type set were seen in the fenced-in area. Nine van-like trucks were parked in a line and about 20 meters apart along the southeastern edge of the radar station. Two of them were 3-axle trucks and the other were considerably larger. From the loud noise heard it was assumed that the generator was installed in the van-like truck which was parked nearest to the south-western fence. A telephone line with 6 wires suspended from masts extended to Wachstedt from the van-like truck next to the one assumed to house the generator.
2. Toward the end of the period of observation, the generator was put in operation and the large radar set began to rotate in a clockwise direction. Twelve rotations were timed by means of a stop watch. This indicated that a full rotation was made at an average speed of 18 seconds. The main set was set on a box about 8 meters long, 4 meters wide and 3.8 meters high, mounted on a two-axle carriage with solid tires. The wheels of the carriage, which had approximately the same diameter as standard truck wheels, were considerably wider and probably fitted with double rims. The box was mounted on a rotary disc which was fitted on a frame on one of the two axles of the undercarriage. A concrete base was not observed. The wheels were secured by wooden wedges and planks, the latter laid parallel to the axles. A radar reflector was mounted on the two narrow sides of the box-like superstructures. Each reflector was about 12 meters long and mounted horizontally and with the front side of the reflector to the outside. The longitudinal axis of the reflectors were inclined by about 60 degrees to the longitudinal axis of the box-like superstructure and by about 10 degrees to the outside against the vertical axis. The dimensions of the box-like superstructure and the reflectors were estimated by the size of the soldiers who stood next to the set and the height of the fence poles.
3. Only 3 Soviet soldiers were observed acting as operating personnel. Their service color could not be identified.

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25 YEAR
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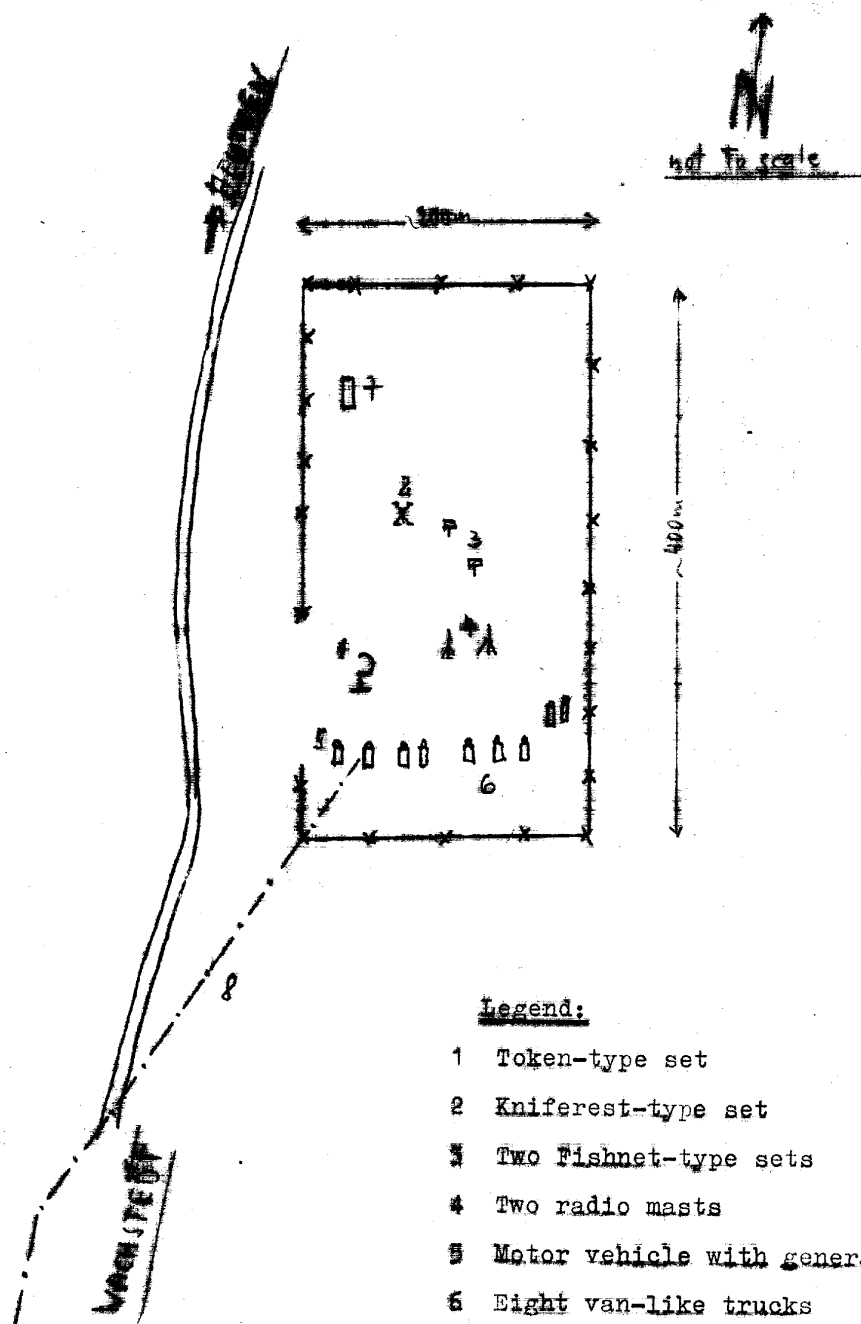
1 Radar station

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Wachstedt Radar Station

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Legend:

- 1 Token-type set
- 2 Kniferest-type set
- 3 Two Fishnet-type sets
- 4 Two radio masts
- 5 Motor vehicle with generator
- 6 Eight van-like trucks
- 7 Sheds
- 8 Telephone line with 6 wires

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